GENERAL INDEX

TO THE

PUBLICATIONS

OF THE

ROYAL ASTRONOMICAL SOCIETY

MONTHLY NOTICES

Vols. 92–110

(1932–1950)

GEOPHYSICAL SUPPLEMENT

Vols. 1–5

(1922–1949)

MEMOIRS

Vols. 61–66

(1917–1950)

OCCASIONAL NOTES

Nos. 1–12

(1938–1950)

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INTRODUCTION

THIS general index includes papers in all the series of publications of the Royal Astronomical Society up to 1950, which have not been previously included in a General Index.

Part I includes papers in the following volumes :

Monthly Notices	Vols. **92–110**	(1932–1950)
Memoirs	Vols. **61– 66**	(1917–1950)
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Part II is a general index to the *Geophysical Supplement*, Vols. 1–5 (1922–1949).

The papers in the *Monthly Notices* and *Geophysical Supplement* are indexed by the number of the volume and the page, references to *Memoirs* and *Occasional Notes* are indicated by the abbreviations *Mem.* and *Occ.* before the volume.

The principal differences between the types of papers published in the *Monthly Notices* and the *Memoirs* are that those in the latter are generally longer and contain tabular matter for which a larger page is more suitable. The *Occasional Notes* contain reports, historical notes and other papers of a more popular nature than those in the *Monthly Notices*.

There has been little need for cross-indexing between Parts I and II. Most of the papers in Part I with a geophysical interest are to be found under the headings **Earth, Moon, Planets, Latitude Variation, Magnetism, Time, Radio-Astronomy** and **Solar and Terrestrial Relationships.** There are comparatively few papers in Part II closely connected with astronomy. They are mostly to be found under the headings **Earth, Figure and Interior of; Latitude Variation;** and **Solar Phenomena.** In Part II a large proportion of the papers have been indexed under the headings **Earth, Seismology** and **Tides.** The section on **Seismology** has been divided into eight sections which considerably overlap. (*a*) Travel times and epicentral distances, (*b*) Near earthquakes, (*c*) Surface waves, (*d*) Deep focus earthquakes, (*e*) Microseisms, (*f*) The 20° discontinuity, (*g*) Periodicities, (*h*) Miscellaneous.

A great number of entries given in the indices of the separate volumes have been excluded from this general catalogue although they were included in previous ones. The data regarding the election of Fellows have been omitted. They can be found easily by reference to the List of Fellows or in the case of deceased Fellows to their obituary notices. Again, all the obituary notices are indexed under **Obituary Notices** and not under the individual names. **Reports of Observatories** have also been omitted as these are at least as easily found in the individual volumes as from a general index. The annual reports are given in the volume for the year after that to which the report refers except that the reports for the two years 1940 and 1941 are both given in the volume for 1942 (Vol. 102), and those for 1943 and 1944 in the volume for 1945 (Vol. 105).

Other items excluded from this volume are those of no special astronomical interest given in the first page or two of each number of the *Monthly Notices* —references to presents received, appointment of auditors, changes of bye-laws and announcements. Information concerning the finances of the Society included in the report of the February meetings has also been excluded.

By a decision of Council in 1937 the reports on the progress of astronomy and obituary notices which had previously been given anonymously have been credited to the authors. As a result of this, **Reports on the Progress of Astronomy**—now given under that heading instead of **Council Notes**—have also been indexed under the names of the authors.

Observations of occultations are included in general only under the heading **Occultations.**

The general headings used in previous indices have been followed as far as convenient but the subject matter has shown a considerable change in the past twenty years and several new headings such as **Radio-Astronomy, Optics, Solar and Terrestrial Relationships** have been introduced. All papers have been indexed at least once under a heading different from the author's name, but general headings have been used to cover a wide range so as to avoid unnecessary multiplication of references. An attempt has been made to use the same headings to cover all papers on the same subject throughout the whole period, although different headings were used in different volumes. Thus papers found under **Stars, Structure of; Stars, Evolution of; Stars, Energy Generation of,** or even under **Stars** have been included only under the heading **Stars, Constitution and Evolution of,** which had been used for many years. Similarly the headings **Stars, Distribution and Statistics of; Stars, Proper Motions of; Stars, Motions of,** and some papers under **Stars,** have been included only under the heading previously used of **Stars, Distribution and Motions of.** Similar redundancy in the indexing of papers on **Sunspots, Solar Activity,** etc. has been removed. Many papers which had been put under the separate headings have been classified under the joint heading **Spectroscopy and Spectrophotometry.** Papers dealing merely with the spectra of stars have been removed from this heading in favour of **Stars, Spectra of.** In some volumes we find papers classified indiscriminately between **Photometry** and **Stars, Magnitudes of.** An attempt has been made to restrict the first to papers dealing with methods, the latter to actual stellar magnitudes. The heading **Dynamical Astronomy** has been restricted to the more fundamental papers; those dealing with orbits of comets, minor planets and double stars have been indexed under **Orbits** or **Stars, Double.** Although it might appear rather pedantic the old headings **Stars, Double and Multiple; Stars, New;** and **Stars, Variable,** have been retained instead of the more natural order of the description **Double Stars,** etc.

J. Jackson

1953 March 18

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